1. Krzhemenevskiy, V. S., Eng.; Abuyazichikov, B. P.
2. USSR (600)
4. Agricultural Machinery
7. Machine for the preparation of organic-mineral granules, Sel'khozmashina, No. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

SKALICHKOVA, O.; VRZHEZINKOVA, V.; KRZHEMENOVA, I.; REYZENAUER, R.

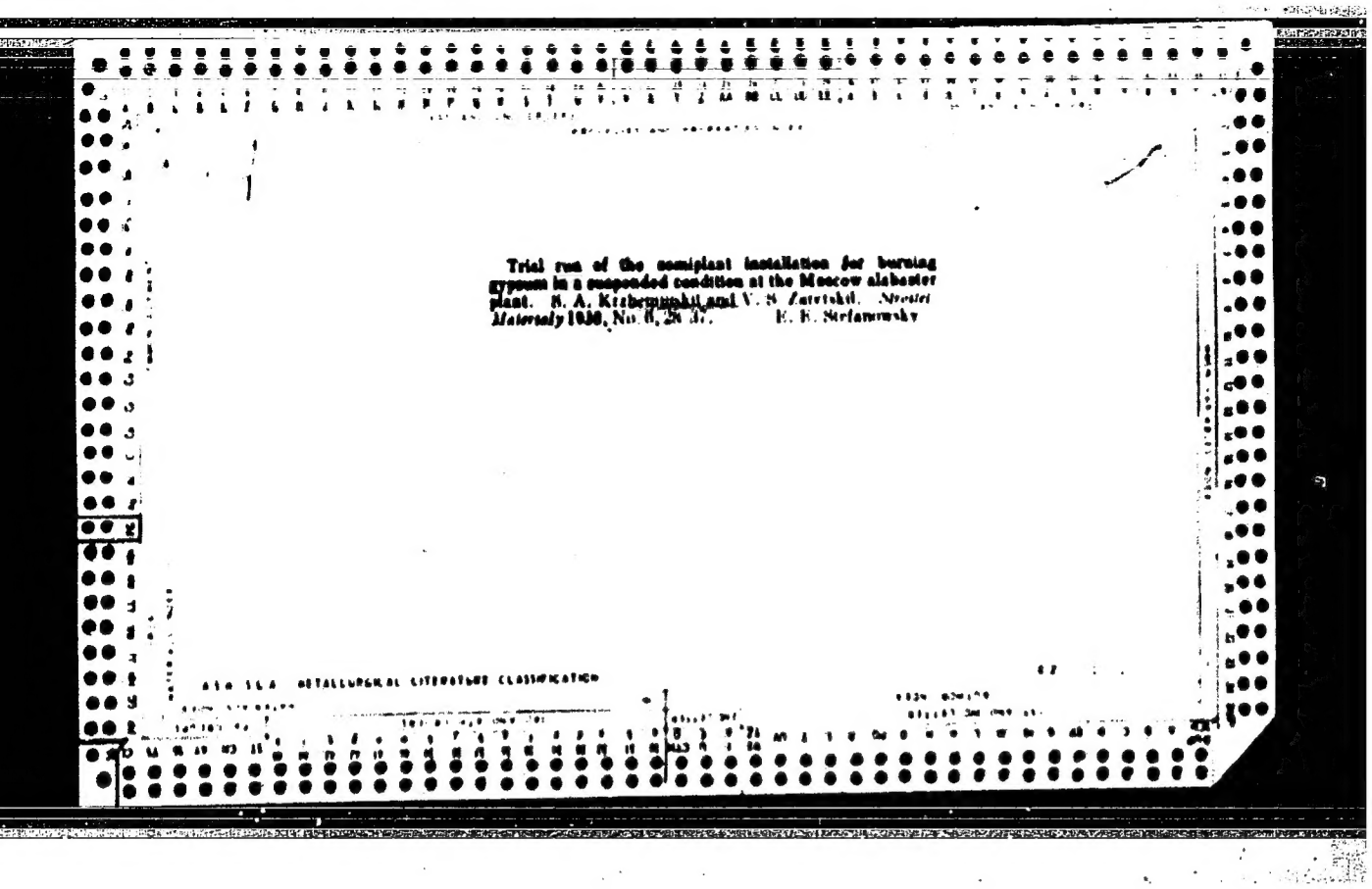
Psyche and psychopathological signs in endemic degeneration. Zhur. nevr.i psikh. 62 no.7:1053-1057 '62. (MIRA 15:9)

1. Psikhiatricheskaya klinika (zav. - prof. V.Vondrachek) Nauchno-issledovatel'skogo endokrinologicheskogo instituta (dir. - dotsent K.Shilink), Praga.
(CZECHOSLOVAKIA--CRETINISM)

IVANOV, A.I. [Ivanov, O.I.]; KREHEMINSKAYA, L.P. [Krahemins'ka, L.P.]

Vertical distribution of phytoplankton in the Black Sea. Nauk.zap. Od.biol.sta. no.5:105-106 '64.

(MIRA 18:2)



Trial run of the semiplant installation for burning gypsum in a suspended condition at the Moscow alabaster plant. S. A. Kizhemanskii and V. S. Zavrtskii. *Stroitel Materialy* 1938, No. 8, 28 pp. E. E. Stefanovskaya

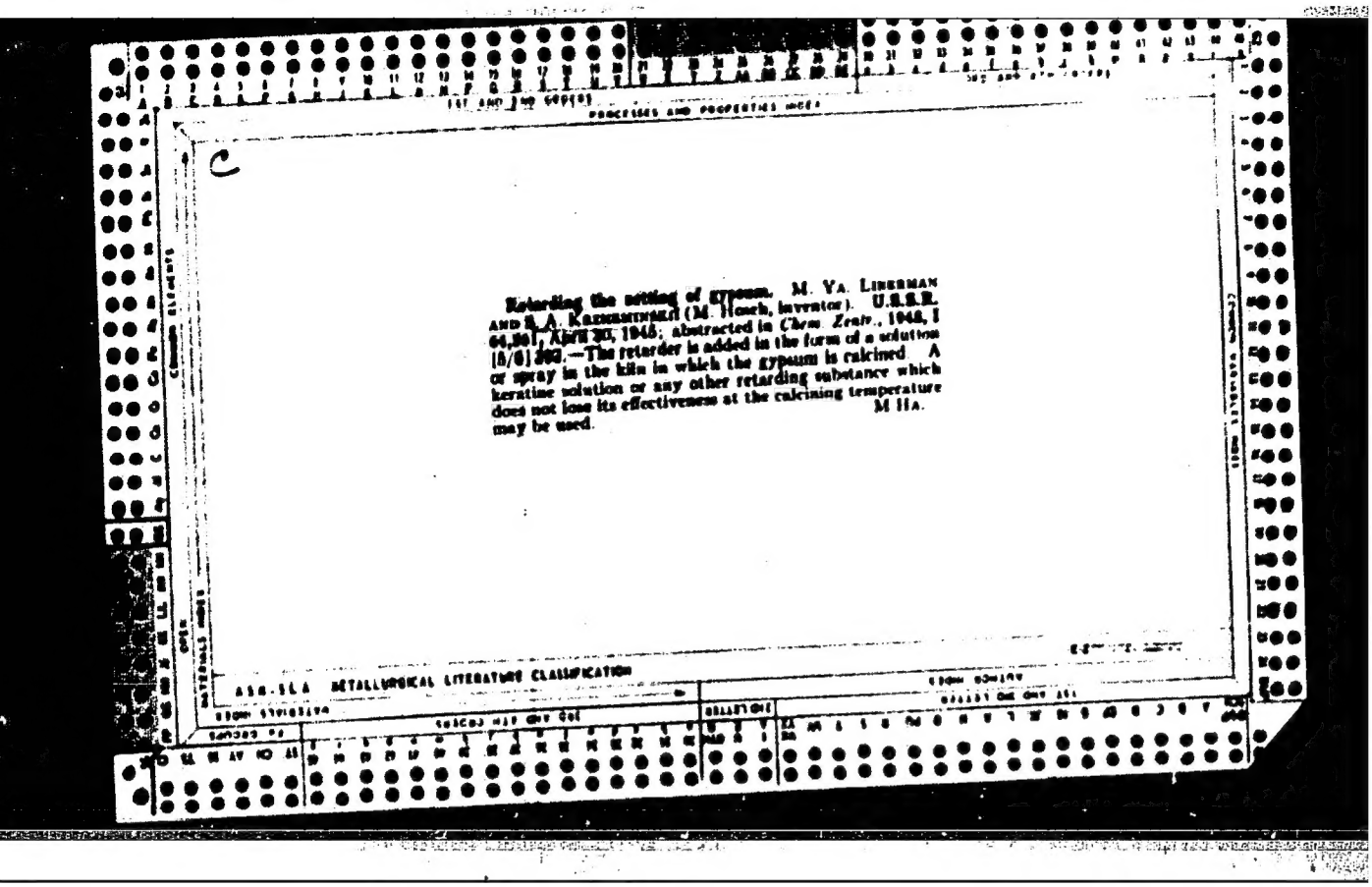
KRZHEMINSKII, S. A.

Retarding the setting of gypsum. M. Ya. Liberman and S. A. Krzheminskii, U.S.S.R. 64,561, April 30, 1945. The retarder is added in the kiln in which the gypsum is calcined, in the form of a soln. or a spray. A suitable retarder is a keratin soln. but any other substance which does not lose its effectiveness at the calcining temp. may be used.

A. Hoseh

Butt, Yu. M., Krzheminskiy, S. A., and Gorbakovskaya, Ye. L. "The use of waste from potash production to obtain local binding materials", Mast. stroit. materialy, 1949, Issue 5, p. 22-32.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

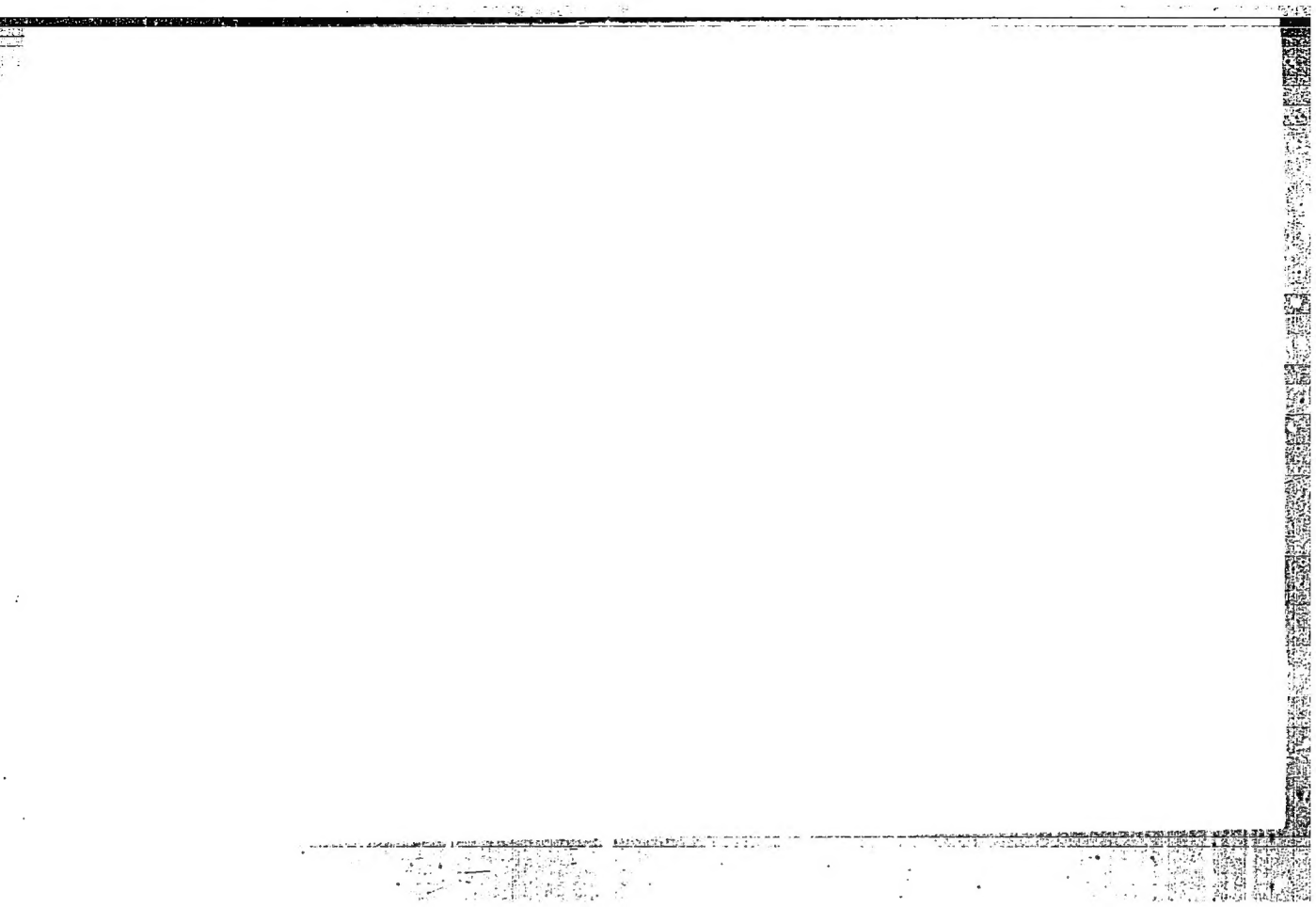


Retarding the setting of gypsum. M. Ya. Lieberman and S. A. Kazanskiĭ (M. Hersh, inventor). U.S.S.R. 64,361, April 30, 1945; abstracted in *Chem. Zentr.*, 1948, I [5/6] 902.—The retarder is added in the form of a solution or spray in the kiln in which the gypsum is calcined. A keratine solution or any other retarding substance which does not lose its effectiveness at the calcining temperature may be used. M. Ha.

KRZHEMINSKIY, S.A.

YUNG, V.N., doktor tekhnicheskikh nauk, professor, redaktor; BUTT, Yu.M.; ZHURAVLEV, V.F.[deceased]; OKOROKOV, S.D.; BERKOVICH, T.M., kandidat tekhnicheskikh nauk, retsenzent; KRZHEMINSKIY, S.A., inzhener, retsenzent; SHPAYER, A.L., redaktor; PANOVA, L.Ya., tekhnicheskiy redaktor

[Technology of adhesives] Tekhnologiia viazhushchikh veshchestv. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1952. 600 p. [Microfilm] (MLRA 7:10)
(Cement)



BUTT, Yu. M.; KRZHEMINSKIY, S. A.

Calcium Hydroaluminate

Study of the formation of calcium hydrosilicates and hydroaluminates in conditions of hydro-thermal processing. Dokl. AN SSSR 89, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

USSR

The effect of various setting accelerators and active finely dispersed additives in the rate of setting and strength of lime-base silicate materials. S. A. Krzheminskii and O. I. Bogacheva. *Sbornik Trudov ROSNIIMS* 1953, No. 5, 138-[illegible]. *Referat. Zhur., Khim.* 1954, No. [illegible] —Addn. of setting accelerators, Na_2SO_4 and NaCl, and active additives, such as tripoli, clay, granulated blast-furnace slag and ground quartz sand improved the strength of silicate material. Finely dispersed additives were more effective in autoclave [illegible] than setting accelerators.

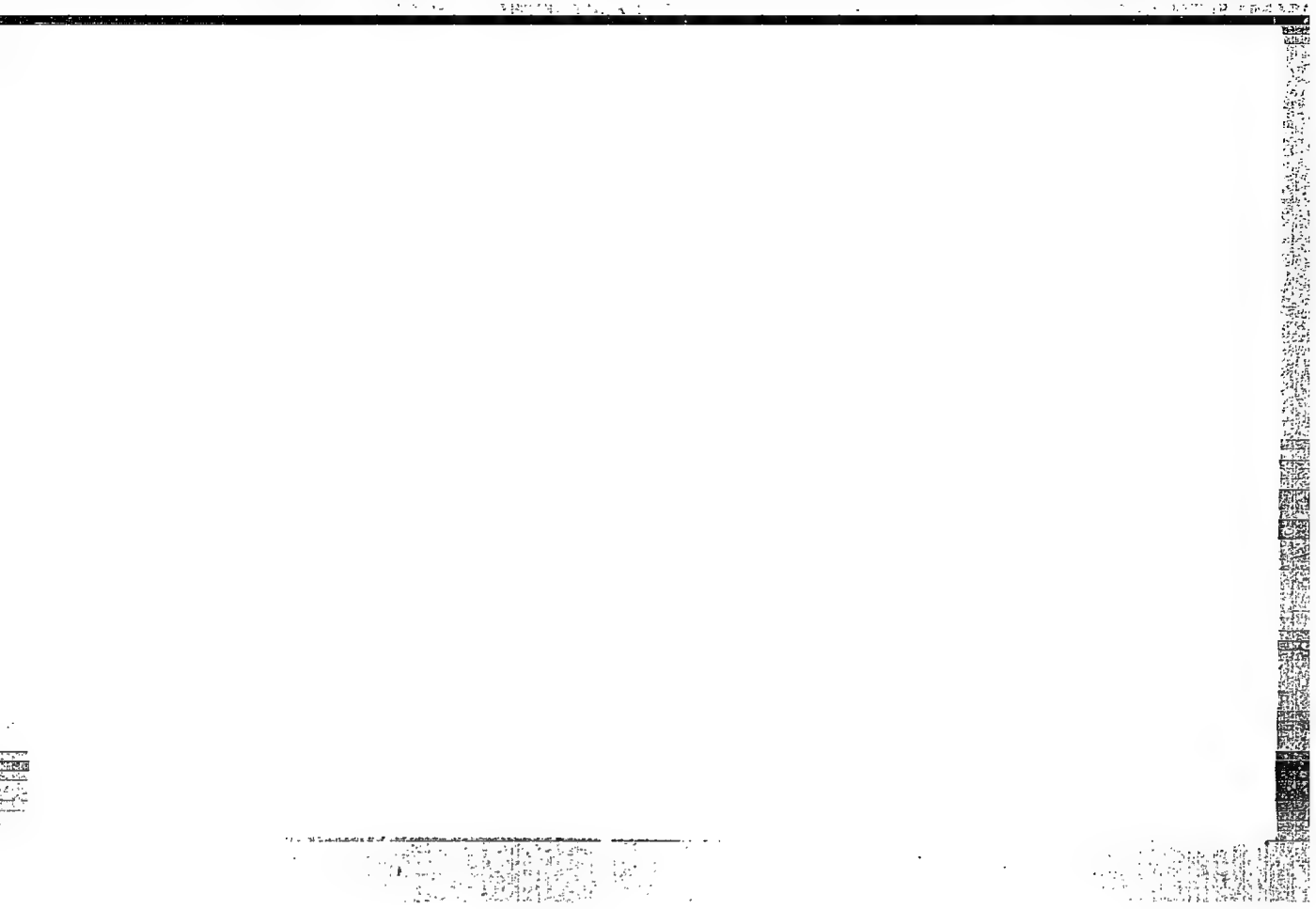
M. [illegible]

Bakh... [illegible] A

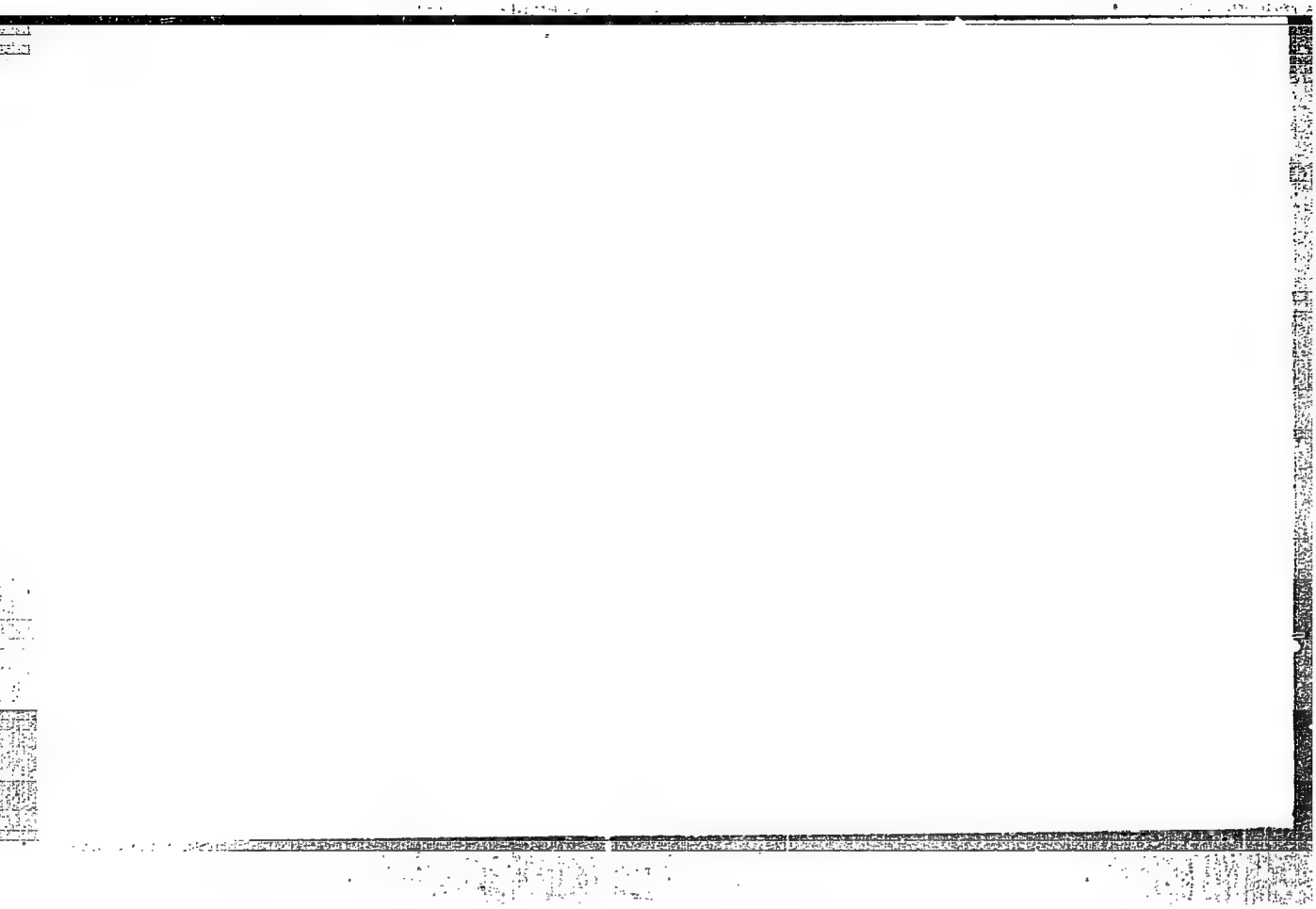
Formation of calcium hydrosilicates and hydroaluminates by hydrothermal treatment. Yu. M. Butt and S. A. Krzhe-minskii. *Doklady Akad. Nauk S.S.S.R.* 89, [illegible] 12 (1953). Systematically varied mixes of $Ca(OH)_2$ with [illegible] quartz, sand, and SiO_2 gel, Al_2O_3, and [illegible] were autoclaved at 173-174° (8 atm. satd. steam pr.) [illegible] for 8 and 48 hrs. Mech. strengths, CaO [illegible] and [illegible] Al_2O_3 [illegible] and H_2O contents of the products were [illegible]. The [illegible] hydrogel required more $Ca(OH)_2$ for max. strength and higher H_2O content than cryst. SiO_2. The [illegible] of [illegible] the mixes of $Ca(OH)_2$ with [illegible] the hydrogel [illegible] Al_2O_3 [illegible] more free [illegible] contained the hydrate [illegible] the cryst. products in mixes [illegible] a [illegible] hydrate appeared. The less basic mixes of [illegible] Al_2O_3 produced a hydrate of [illegible] Al_2O_3 [illegible] basic mixes the stable $3CaO.Al_2O_3.6H_2O$, and mixes [illegible] aluminate hydrate $4CaO.Al_2O_3.13$ to [illegible] H_2O. Another [illegible] was made of the same mixes at [illegible] steam [illegible] hrs. The products [illegible] generally a lower mech. strength than those at 173°, and contained monohydrates of $CaO.SiO_2$ and $3CaO.SiO_2$. Under the same hydrothermal conditions the mixes of $Ca(OH)_2$ [illegible] Al_2O_3 and [illegible] hydrates [illegible] mech. strengths of the products because of [illegible] ingredients. The effects [illegible]

(1)

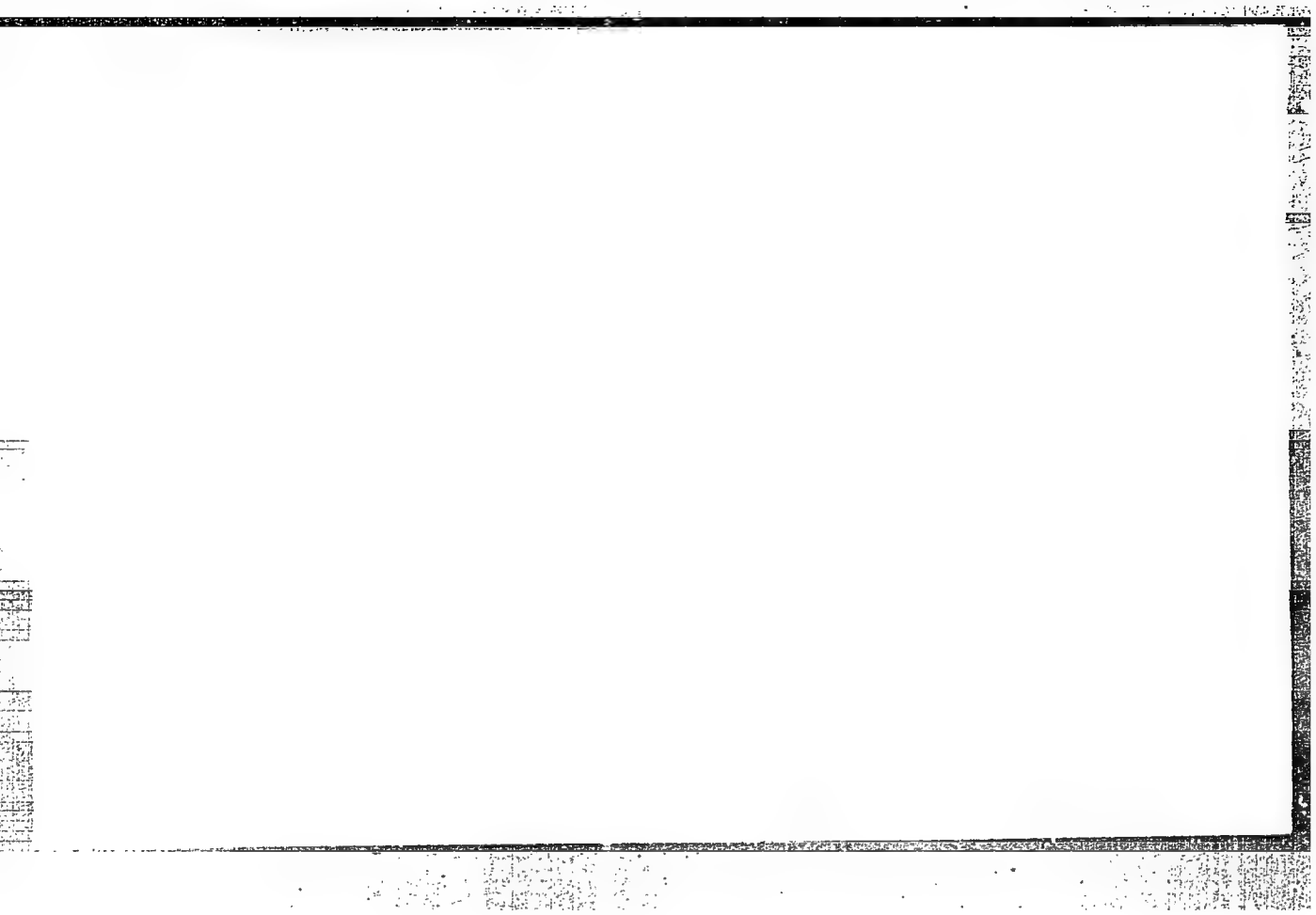
Investigation of the effect of clay on the properties of autoclave silicate materials made with a magnesium lime base. S. A. Krzheminskii and O. I. [illegible] *[illegible] Respublik. Nauch.-Issledovatel. Inst. Stroitel. [illegible] Materialov* 1954, No. 6, 97-114; *Referat. Zhur. Khim.* 1955, No. 4502.—Addn. of clay or loam makes possible the use of Mg-lime for making silicate brick. In order to prevent the effect of slaking Mg-lime in the autoclave on the properties of silicate brick it is advisable in addn. to the clay also to grind the lime to not more than 1% on a [illegible]-mesh screen per sq. cm. It is further recommended to increase the steam pressure in the slaking drums, to use steam in moistening the components in silos and bins. M. Hosch



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920016-7"



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920016-7"



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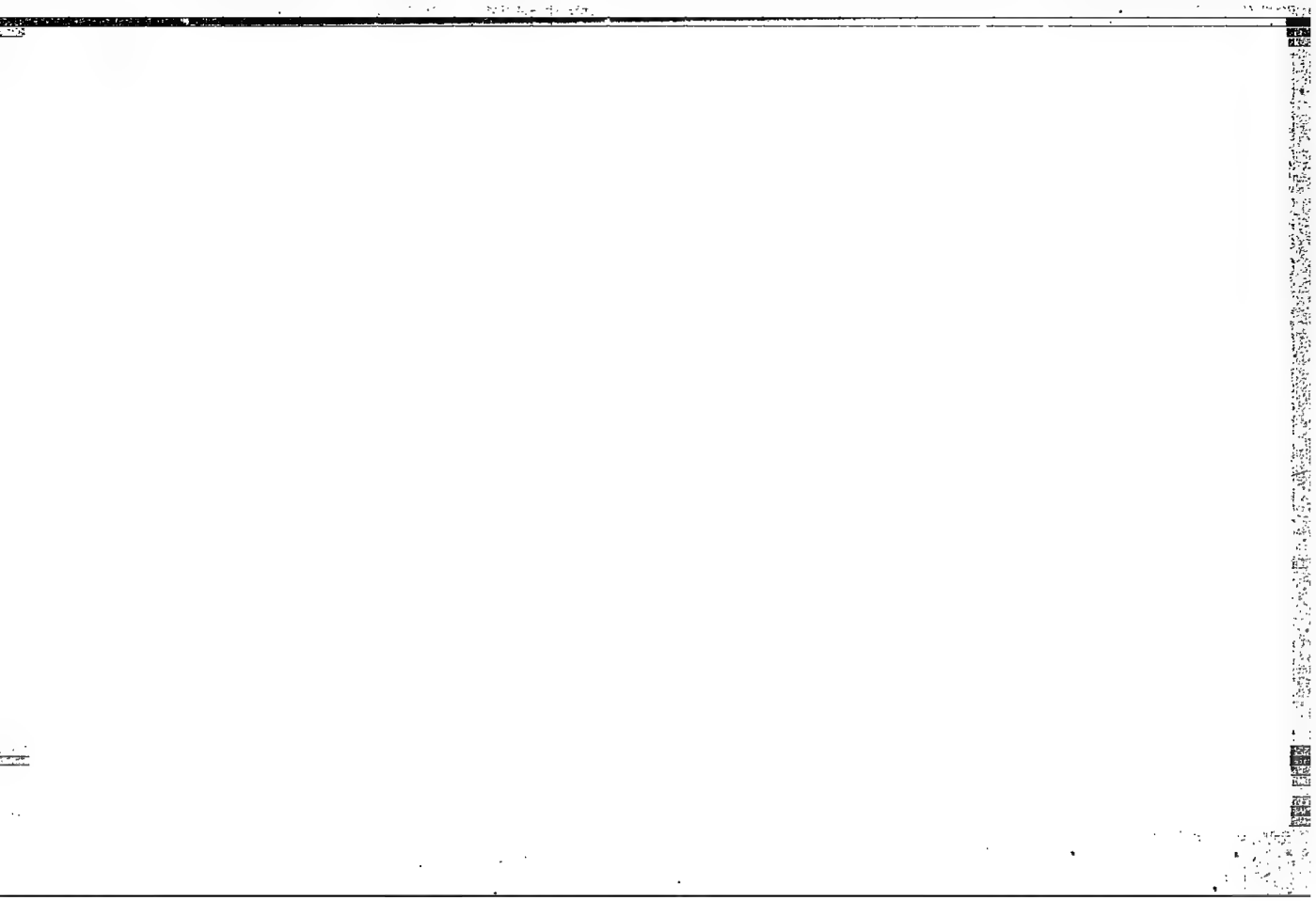

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920016-7"

KRZHEMINSKIY,S., inzhener

Intensifying the process of autoclave hardening. Stroi.mat. izdel. i konstr. 1 no.3:27-30 Mr'55. (MIRA 8:10)

1. Institut mestnykh stroitel'nykh materialov Ministerstva promyshlennosti stroitel'nykh materialov RSFSR.
(Autoclaves) (Brickmaking)

KRZHEMINSKIY, S., inzhener.

The imminent problem of gypsum binding agent production. Stroi.mat. izdel. i konst. 1 no.9:9-10 S'55. (MLRA 9:1)
(Binding materials)

A-U Sci Society of the Silicate Industry

Krzheminskiy, S.A.

AID P - 2791

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 19/19

Authors : Butt, Yu. M., L. M. Khavkin, S. A. Krzheminskiy, and S. N. Levin

Title : Hint, I. "O nekotorykh osnovykh voprosakh avtoklavnogo izgotovleniya izvestkovo-peschanykh izdeliy". Some fundamental problems of manufacturing sand-lime materials in autoclaves, Tallin, 1954. (Book Review)

Periodical : Zhur. prikl. khim. 28, 4, 449-452, 1955

Abstract : Critical review

Institution : None

Submitted : No date

KRZHEMINSKIY, S. A., Cand Tech Sci — (diss) "Study of the effect of combined grinding and calcination of gypsum upon its building properties." Mos, 1958. 13 pp (Min of Higher Education USSR, Mos Order of Labor Red Banner Engineering-Construction Inst im V. V. Kuybyshev), 110 copies (KL, 16-58, 120)

ROSENTAL'D, Lev Moyseyevich; KRZHEMINSKIY, S.A., nauchnyy red.; GUZMAN, M.A., red.; GULKHSON, P.G., tekhn. red.

[Autoclave foamed slag concrete] Avtoklavnyi penoshlakobeton. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 95 p. (MIRA 11:9)
(Lightweight concrete)

PECHURO, S.S.; SHNEYDER, V.Ye.; KRZHEMINSKIY, S.A., nauchnyy red.; YERSHOV, A.D., glavnyy red.; NEKRASOVA, N.B., red.izd-va; IVANOVA, A.G., tekhn.red.

[Industry's demands in the quality of mineral raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. No.50. [Gypsum] Gips. Izd.2., perer. 1959. 40 p. (MIRA 12:8)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.
(Ores--Sampling and estimation)

KRZHEMINSKIY, S.A., kand. tekhn. nauk; KRYZHANOVSKIY, B.B., inzh.; DANILOVA, S.G., inzh.

Effect of properties of aluminum powders on the quality of air-entrained concretes and silicates. Stroi. mat. 5 no.10:31-34 O '59. (MIRA 13:2)
(Air-entrained concrete) (Silicates)

KRZHEMINSKIY, S.A., kand.tekhn.nauk

Importance of autoclaving with high-pressure steam in the manufacture of silicate building materials and articles. Sbor. trud. ROSNIIMS no.17:3-12 '60. (MIRA 14:12)
(Sand-lime products)
(Autoclaves)

KRZHEMINSKIY, S.A., kand.tekhn.nauk; KAMEYKO, V.A., kand.tekhn.nauk; KRYZHANOVSKIY, B.B., inzh.; LEVIN, M.I., kand.tekhn.nauk; SHUTILO, L.I., inzh.

Technology and basic physical and mechanical properties of autoclaved air-entrained silicate. Sbor. trud. ROSNIIMS no.17:109-129 '60. (MIRA 14:12)

(Sand-lime products)

BLOKH, G.S., kand. tekhn. nauk; CHERNYAK, Ya.N., kand. tekhn. nauk; BALKEVICH, V.L., kand. tekhn. nauk; GAK, B.N., kand. tekhn. nauk; KORDONSKAYA, R.K., kand. tekhn. nauk; REMPEL', A.M., kand. tekhn. nauk; ZHUKOV, D.V., nauchnyy red.; YUSHKEVICH, M.O., red. toma; SKRAMTAYEV, B.G., glav. red.; BALAT'YEV, P.K., red.; KITAYEV, Ye.N., red.; KITAYGORODSKIY, I.I., red.; KRZHEMINSKIY, S.A., red.; ROKHVARGER, Ye.L., red.; KHOLIN, I.I., red.; GURVICH, E.A., red. izd-va; SHERSTNEVA, N.V., tekhn. red.

[Handbook on the manufacture of structural ceramics] Spravochnik po proizvodstvu stroitel'noi keramiki. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam. Vol.1. [General information and production control] Obshchie svedeniia i kontrol' proizvodstva. Pod red. M.O.IUshkevicha. 1961. 464 p. (MIRA 15:2)
(Ceramics) (Building materials)

KRZHEMINSKIY, S.A., kand.tekhn.nauk; KRYZHANOVSKIY, B.B., inzh.

Porous silicate concrete. Stroi. mat. 7 no. 1:19-22 Ja '61.
(MIRA 14:1)

(Lightweight concrete) (Sand-lime products)

KRZHEMINSKIY, S.A., kand.tekhn.nauk; KRYZHANOVSKIY, B.B., inzh.; KAMEYKO, V.A., kand.tekhn.nauk; LEVIN, N.I., kand.tekhn.nauk; BALASHOVA, N.M., inzh.; SHUTILO, L.I., inzh.

The technology and basic physicomechanical properties of air-entrained silicate and air-entrained cinder silicate used as insulating materials. Sbor. trud. ROSNIIMS no.20:36-51 '61. (MIRA 16:1)

(Insulating materials) (Sand-lime products)

KRZHEMINSKIY, S.A., kand.tekhn.nauk; ZAYDENBERG, B.S., kand.tekhn.nauk

The problem of determining the content of overburned lime.
Sbor. trud. ROSNIIMS no.20:70-75 '61. (MIRA 16:1)
(Lime--Analysis)

ANASTASIADI, A.P.; BOROVSKIY, V.R.; VYBORNOV, G.V.; KOPELYANSKIY, G.D.; MAK, I.L.; PECHURO, S.S.; PIYEVSKIY, I.M.; RACHEVSKAYA, K.D.; REYZNER, Yu.B.; RYBAK, L.L.; TSEPELIOVICH, M.R.; SHUMAKHER, L.I.; YUSHKEVICH, M.O.[deceased]; AGEYENKO, Yu.G., nauchnyy red.; BELUGIN, A.T., nauchnyy red.; KOGAN, G.S., nauchnyy red.; KRZHEMINSKIY, S.A., nauchnyy red.; MITSKEVICH, M.I., nauchnyy red.; SILENOK, S.G., nauchnyy red.; TRILESNIK, Z.Ye., nauchnyy red.; ZUBAREV, K.A., glav. red.; TROFIMOV, I.P., red.; SKRAMTAYEV, B.G., glav. red.; BALAT'YEV, P.K., red.; KITAYEV, Ye.N., red.; KITAYGORODSKIY, I.I., red.; ROKHVARGER, Ye.L., red.; KHOLIN, I.I., red.; CHERKINSKAYA, R.L., red.; RODIONOVA, V.M., tekhn. red.

[Manual on the production of gypsum and gypsum products] Spravochnik po proizvodstvu gipsa i gipsovykh izdelii. [By] A.P. Anastasiadi i dr. Pod red. K.A.Zubareva. Moskva, Gosstroizdat, 1963. 464 p. (MIRA 16:7)
(Gypsum) (Gypsum products)

KRZHEMINSKIY, S.A., kand.tekhn.nauk

"Residential buildings made of air-entrained concrete" by E.G. Grigor'ev, M.S.Satin, I.M.Deriabin. Reviewed by S.A.Krzheminskii. Stroi. mat. 9 no.4:37 Ap '63. (MIRA 16:5)
(Leningrad--Apartment houses) (Air-entrained concrete)
(Grigor'ev, E.G.) (Satin, M.S.) (Deriabin, I.M.)

KRZHEMINSKIY, S.A., kand. tekhn. nauk (Moskva)

Requirements for lime and providing it for the production of silicate concrete products. Stroi. mat. 9 no.5:14-16 My '63. (MIRA 16:7)

(Lime)

YEPIFANOVSKIY, S.G.; KRZHEMINSKIY, S.A.; MUROMSKIY, P.G.

Technical policy in the lime industry. Stroi. mat. 9 no.10: 24-26 O '63. (MIRA 16:11)

KRZHEMIENIEV, S.A., kand. tekhn. nauk

Important problems concerning the development of the industry of large-scale elements and details from cementless concrete. Stroi. mat. 9 no.8:33-34 Ag '63. (MIRA 17:5)

KRZHEMINSKIY, S.A., kand. tekhn. nauk

Relation between the structure and frost resistance of materials.
Stroi. mat. 9 no.6:39 Je '63. (MIRA 17:8)

KHAVKIN, Lev Moiseyevich; KRYZHANOVSKIY, Boris Borisovich; KRZHEMINSKIY, S.A., nauchn. red.

[Sand-lime concrete panels for prefabricated housing construction] Silikatobetonnye paneli dlia sbornogo domostroeniia. Moskva, Stroiizdat, 1964. 242 p. (MIRA 18:3)

VOROB'YEV, Kh.S.; KRZHEMINSKIY, S.A.; KRUPIN, A.A.; MAZUROV, D.Ya.; NIKITIN, A.A.

Burning lime in suspension. Stroi. mat. 11 no.1:4-8 Ja '65. (MIRA 18:6)

KRZHENITSKIY, YE. M.

Rye Grass

Ten centners of rye grass seed per hectare. Sel. i sem. 19 no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

KRZHEMYANSKIY, G.

Fixed moterbus timetable. Avt.transp.34 no.3:11-12 Mr '56.
(MLRA 9:7)

1.Ministerstvo avtomobil'nogo transporta i shosseynykh dorog Litovskoy SSR.
(Lithuania--Moterbus lines)

KRZHEMYANSKIS, G. [Krzemianskie, G.]

Public automotive transportation in Czechoslovakia. Avt. transp. 37 no.11:61-62 N '59. (MIRA 13:2)
(Czechoslovakia--Transportation, Automotive)

KRZHEMYANSKIS, G. [Krželmyanskis, G.]

Motorbus transportation in the Lithuanian S.S.R. Avt.transp. 39 no.4:9-11 Ap '61. (MIRA 14:5)

1. Zamestitel' nachal'nika upravleniya avtotransporta Ministerstva avtomobil'nogo transporta i shosseynykh dorog Litovskoy SSR.
(Lithuania—Motorbus lines)

KRZHEMIANSKIS, G. [Krželianskis, G.]

Progressive automotive transportation unit. Avt.transp. 39 no.6: 6-8 Je '61. (MIRA 14:7)

1. Ministerstvo avtomobil'nogo transporta i shosseynykh dorog Litovskoy SSR.
(Lithuania—Highway transport workers)

KRZHEMYANSKIS, G. [Krzemjanskis, G.]

All transportations for construction should be made only be common transportation units. Avt.transp. 41 no.11:10-12 N '63. (MIRA 16:12)

1. Zamestitel' nachal'nika Glavnogo upravleniya avtomobil'nogo transporta Ministerstva avtomobil'nogo transporta i shosseynykh dorog Litovskoy SSR.

KRZHENITSKAYA, F.; OSTRINSKAYA, N.

Analysis of working capital norms based of analytical accounting.
Den. i kred. 17 no.8:47-54 Ag '59. (MIRA 12:11)
(Banks and banking)

ACC NR: AP6030187 SOURCE CODE: CZ/0088/65/000/005/0421/0430

AUTHOR: Kochetkov, Yevgeniy Semenovich--Kocetkov, E. S.; Kropela, Josef--Krzhepela, Y. (Engineer); Ullrich, Milan--Ul'rikh, M. (Engineer; Candidate of sciences)

ORG: [Kochetkov] Institute of Automation and Remote Control, AN SSSR, Moscow (Institut avtomatiki i telemekhaniki AN SSSR); [Kropela; Ullrich] Institute of Information Theory and Automation, CSAV, Prague (Ustav teorie informace a automatizace CSAV)

TITLE: Optimal statistical sampling plans for a certain type of plant

35 B

SOURCE: Kybernetika, no. 5, 1965, 421-430

TOPIC TAGS: quality control, automatic control theory

ABSTRACT: The determination is investigated of an optimal statistical sampling plan for quality control in a plant of which it is assumed that the percentage of rejects is p when the plant is in order, and 100 percent when it is out of order. The probability that the plant may go out of order is q, but when the plant is out of order it cannot return by itself to the state of proper operation; n is the number of products not checked; m is the number of products checked; c is the maximum permissible number of rejects in m. The costs of quality control and of repairing the installation, and the losses from letting rejects go through are known. A sampling plan is sought that offers the minimum unit cost, with or without ensuring the given percentage of rejects. Orig. art. has: 10 formulas and 1 table. [Orig. art. in Russian.] [JPRS: 34,162]

SUB CODE: 13 / SUBM DATE: 21May65 / SOV REF: 001 / OTH REF: 002

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0918 1024

KRZHESINSKIY, A.I.; SLATINSKIY, V.V.

[Brief manual on mechanical drawing] Kratkoe rukovodstvo po tekhnicheskomu risovaniiu. Izd. 2-oe, ispr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1956. 47 p., diagrams. (MLRA 9:9)
(Mechanical drawing)

MARKH, A.T.; KRZHEVOVA, R.V.; OSTROVSKIY, A.I., professor, retsenzent; SABUROV, N.V., professor, retsenzent; redaktor; AKIMOVA, L.D., redaktor; CHEBYSHEVA, Ye.A., tekhnicheskiy redaktor.

[Chemical and technical control in canning industry] Khimiko-tekhnicheskii kontrol' konservnogo proizvodstva. Izd. 4-oe, perer. i dop. Moskva, Pishchepromizdat, 1955. 418 p. (MLRA 8:12)
(Canning industry) (Food--Analysis)

MARKH, Aleksandr Tevevich; KRZHEVOVA, Ritta Vladimirovna; SABUROV, N.V., prof., retsenzent; BELIKOVA, L.S., red.; SOKOLOVA, I.A., tekhn. red.

[Chemical and technological control of the canning industry] Khimiko-tekhnicheskii kontrol' konservnogo proizvodstva. 5. izd., perer. i dop. Moskva, Pishchepromizdat, 1962. 435 p. (MIRA 15:10)

(Canning industry--Quality control)

GEYDA, S. [Hejda, S.]; KRZHIKAVA, I. [Hrzikava, I.]

Nutrition and health of people performing night work for long periods of time. Vop. pit. 23 no.1:33-36 Ja-F '64.
(MIRA 17:8)

1. Iz Instituta pitaniya (dir. - doktor med. nauk prof. I. Mashek) Praga, Chekhoslovakiya.

83159

S/115/60/000/008/009/013
B019/B063

9.2200 2101 2301 2201 3001

AUTHORS: Krzhimovskiy, V. I., Kshimovskiy, V. V.

TITLE: Bolometer Heads for Power Measurement at Frequencies of up to 1000 Mc/sec

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 8, pp. 38-40

TEXT: The present paper describes bolometer heads developed for the measurement of low powers. In the introduction, the authors describe the rigorous demands made on the reflection of h-f energy at the input of the bolometer head and on the losses occurring in the bolometer head. They describe two types of broad-band bolometer heads which were developed at the VNIIM im. D. I. Mendeleyeva (All-Union Scientific Research Institute of Metrology imeni D. I. Mendeleyev). First, the authors discuss the construction and characteristics of the broad-band bolometer head with one bolometer. The adjustment matching of the bolometer (Fig. 2) with the circuit diagram shown in Fig. 1, in which the residual capacitance is compensated by means of a series-connected inductivity inductance, is explained next. A stepwise gradual variation of the diameter of the external waveguide combined with a conically tapering internal waveguide is used to "convert" the high

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Bolometer Heads for Power Measurement at Frequencies of up to 1000 Mc/sec

S/115/60/000/008/009/013
B019/B063

input resistance of the section of the bolometer. Various details of this bolometer head are explained. The standing wave ratio is given as not lower than 1.15 between 450 and 1100 Mc/sec. The error in measurement does not exceed 1.2%. Furthermore, the authors discuss the construction and the characteristics of a symmetric broad-band bolometer head with two bolometers. In this bolometer head, the power supplied is divided into two almost equal parts, after which it is fed into two bolometers. The two bolometers are connected in parallel according to high-frequency and in series according to direct current. The matching adjustment and the connecting into the measuring circuit of the bolometer head are described next. Between 30 and 2000 Mc/sec, the standing wave ratio of this bolometer is not lower than 1.15, and the efficiency is not lower than 99.6% up to 1000 Mc/sec. The experimental verification testing of the bolometer heads described in the present paper indicates that symmetric bolometer heads have a broader transmission band than asymmetric ones, and the internal resistance required for the bolometers to be used for the two types is given. The bolometer heads discussed are used for the h-f power measuring instruments mentioned in the introduction. The Design Engineers A. M. Brodskiy, N. F. Serdyuk, and M. V. Sakharova participated in the development of these bolometer heads. There are 3 figures and 2 non-Soviet references.

Card 2/2

ZALUTSKAYA, T.L.; KRZHIMOVSKIY, V.I.; KSHIMOVSKIY, V.V.; MOROZOVA, T.B; RABINOVICH, B.Ye.; STOYAKINA, O.V.

Standard unit for measuring low power in the microwave range. Izm. tekh. no. 1:35-37 Ja '61. (MIRA 14:1)
(Electric measurements) (Microwaves)

KRZHIMOVSKIY, V.I.

Bolometer and thermistor bridge with a thermocouple for measuring super-high frequency power. Izm.tekh. no.3:55-57 Mr '63. (MIRA 16:4)

(Bridge circuits)

S/115/63/000/003/009/010
E192/E382

AUTHOR: Krzhimovskiy, V.I.

TITLE: Bolometer and thermistor bridge with a thermocouple for measuring UHF power

PERIODICAL: Izmeritel'naya tekhnika, no. 3, 1963, 55 - 57

TEXT: A measuring bridge (type MB-1 (MB-1)) id described, in which a comparatively high accuracy combined with direct reading of the measured quantity is achieved by using a thermocouple as a square-law transducer. The operating principle of the bridge is as follows. In the absence of the UHF power a heating current i_1 flows through a bolometer whose resistance is R_b; the current is i_2 at UHF so that the UHF power is given by:

$$P_{UHF} = R_b (i_1^2 - i_2^2) \qquad (1) .$$

The thermocouple is connected in parallel to the bridge. The e.m.f. at the output of the thermocouple, with the current i_1, is

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Bolometer and ....

$$e_1 = ki_1^2 \qquad (2)$$

where k is a coefficient depending on the resistance of the bridge and the thermocouple and sensitivity of the thermocouple. This e.m.f. is "recorded" by means of a potentiometer circuit consisting of a battery, a voltage-divider and a galvanometer. The output of the thermocouple, in the presence of UHF, is:

$$e_2 = ki_2^2 \qquad (4) .$$

Now, if e_2 and $e_1 = U_d$ are connected in opposition, the resulting voltage is:

$$\Delta e = U_d - e_2 = k(i_1^2 - i_2^2) \qquad (5) .$$

It is seen by comparing Eqs. (5) and (1) that Δe is proportional to the UHF power. The limiting error of this type of bridge is

Bolometer and ....

given by:

$$3\sigma_{\%} = \pm\left(0.1 + \frac{30}{P}\right)\% \qquad (8)$$

where P is the measured power in μW. Experimental investigation of the errors of the bridge, carried out by means of a potentiometer and a standard resistance coil, confirmed the validity of Eq. (8). There are 2 figures.

Card 3/3

KRZHIVANEK, O.A.

On the plutonic structure of the Tarkhankut Uplift. Dop.AN URSR no.4: 378-380 '55. (MLRA 9:2)

1.Institut geologichnikh nauk AN URSR. Predstaviv diysniy chlen AN URSR V.G.Bondarchuk.
(Crimea--Geology, Stratigraphic)

15-1957-10-13791

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, p 58 (USSR)

AUTHOR: Krzhivanek, G. A.

TITLE: Some Data on the Deep Structure of the Central Part of the Black Sea Basin (Nekotoryye dannyye o glubinnoy strukture tsentral'noy chasti Prichernomorskoy vpadiny)

PERIODICAL: Tr. In-ta geol. nauk. AN UkrSSR, ser. geofiz., 1956, Nr 1, pp 65-74

ABSTRACT: Bibliographical entry

Card 1/1

KRZHIVANEK, G.A.

Plutonic structure of the eastern part of the Black Sea Lowland according to geophysical research data. Dop. AN URSR no.5:457-460 '56. (MLRA 10:2)

1. Institut geologichnikh nauk Akademii nauk URSR. Predstavleno akademikom Akademii nauk USSR V.G. Bondarchukom.
(Black Sea Lowland--Geology, Structural)

KRZHIVANEK, G.A.

Geophysical data on the structure of the zone of linkage between the northern Crimean fault and the southern part of the Russian Platform. Geol.zhur. 16 no.3:62-66 '56. (MLRA 9:11)
(Russia, Southern--Geology, Structural)

KRZHIVANEK, G.A.

Density characteristics of rocks in the Crimean steppe and certain adjoining regions. Trudy Inst. geol. nauk AN URSR. Ser. geofiz. no.2:152-159 '58. (MIRA 11:6)

1. Institut geologicheskikh nauk AN USSR.
(Crimea--Rocks)

BRANDSHTETR, I.; KRZHIVANEK, M.; MALYY,Ya.; SU KHUN-GUY [Su Hung-kuei]; SARANTSEVA, V.R., tekhn. red.

[Products of the reactions of heavy elements with multiply charged ions] Izuchenie produktov raktsii tiazhelykh elementov s mnogozariadnymi ionami. Part 1. [Radiochemical determination of Ac^{225} and Ac^{226} produced in the irradiation of uranium and thorium with nitrogen or neon ions] Radiokhimicheskoe opredelenie Ac^{225} i Ac^{226}, voznikaiushchikh pri obluchenii urana i toriia ionami azota ili neona. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 12 p. (MIRA 15:6)
(Nuclear reactions) (Ions) (Actinium)

ACCESSION NR: AP4009947 S/0186/63/005/006/0694/0699

AUTHOR: Brandshtetr, I.; Zvarova, T. S.; Krzhivanek, M.; Maly*, Ya.

TITLE: Chromatographic separation of rare-earth elements and certain actinides on cation-exchange resin in the presence of radioactive isotopes precipitated with LaF sub 3

SOURCE: Radiokhimiya, v. 5, no. 6, 1963, 694-699

TOPIC TAGS: multicharge ions, rare-earth elements, actinides, radio-elements, a-active isotopes, gadolinium, gadolinium numbers, cation-exchange resin, lactate, Dow-X resin, lanthanum, actinium, ammonium lactate, elution, chromatographic separation

ABSTRACT: The experiments revealed that the coefficients of element separation on Dow-X resin 50x12 are different from those cited in literature. The gadolinium numbers and coefficients of rare-earth and actinide separation were determined, as well as the elution place of a-active elements which can model actinides on the resins used in this work. The gadolinium numbers of Md and Fm were determined by the

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ACCESSION NR: AP4009947

methods described by G. Beranova et al. (Nucleonika, 7, 7/8, 465, 1962). The resulting data on Dow-X resin 50x12 show that the element-separation factors in all cases are somewhat different from those cited in literature although results of earlier experiments with American-made Dow-X 50x12 resin did agree with the published figures. It appears, therefore, that the gadolinium number is not an invariable characteristic of a given brand of resin. The place of elution has been determined in the chromatographic separation of the series of a-active elements which can hinder the determination of the transuranium elements. "In conclusion, the authors express their gratitude to V. A. Yermakov and Su Hun-Gui for their assistance in the experiments." Orig. art. has: 2 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 03May62 DATE ACQ: 07Feb64 ENCL: 00

SUB CODE: CH, EL NO REF SOV: 006 OTHER: 006

Card 2/2

[illegible]NOCHTETR, I.; KRLHIVANEK, M.; MALY, Ya.; SU KHUN-GUY [Su Hung-kuei]

Study of the products of reactions of heavy elements with multicharge ions. Part 1: Radiochemical determination of Ac^{225} and Ac^{226} occurring during the irradiation of uranium and thorium by nitrogen and neon ions. Radiokhimiia 5 no. 6: 699-705 '63. (MIRA 17:7)

MESHITER, I.; VOLKOV, V.V.; YERMAKOV, V.A.; ZVIKOVA, T.S.; KRZHIVANEK, M.; MALY, Ya.; SU KHUN-GUY [Su Hung-kuei]

Study of the products of reactions of heavy elements with multicharge ions. Part 2: Yield of some isotopes of californium and fermium during the irradiation of thorium and uranium by O^{16}, O^{18}, and Ne^{22} ions. Radiokhimiia 5 no. 6:706-711 '63. (MIRA 17:7)

BRANDSHTETR, I.; WAN TUN-SEN; YERMAKOV, V.A.; ZVARA, I.; IVANOVA, T.S.; KNOBLOKH, V.; KRZHIVANEK, M.; MALY, Ya.; SU KHUN-GUY [Su Hung-kuei]

Determination of the yield of some fragments in the fission of heavy nuclei induced by multicharge ions Part 1: Fission of Th^{232} induced by O^{18} and Ne^{22} ions. Radiokhimiia 5 no. 6: 715-720 '63. (MIRA 17:7)

ZVARA, I.; TARASOV, L.K.; KRZHIVANEK, M.; SU KHUN-GUY [Su Hung-kuei]; ZVEROVA, T.S.

Formation of $Zr^{97}Cl_4$ in the slowing down of fission fragments in chlorine containing gases. Dokl. AN SSSR 148 no.3:555-557 Ja '63. (MIRA 16:2)

1. Ob"yedinennyy institut yadernykh issledovaniy. Predstavleno akademikom V.N. Kondrat'yevym.
(Zirconium chloride) (Nuclear fission)

AUTHOR: Brandshtetr, I.; Zvara, I.; Zvarova, T.; Kmoblokh, V.; Krzhivanek, M.; [illegible], Hung-kuei

L 22585-65

AP5001998

3

KRZHIVENCHIK, K. [Krzhyvenchyk, K.]

Establishing norms for mechanized work. Mekh. sil'. hosp. 13 no.4:29 Ap '62. (MIRA 17:3)

1. Starshiy inzh. upravleniya truda i zarabotnoy platy ob"yedineniya "Ukrsil'gosptekhnika".

KRZHIVENCHIK, K.L. [Krzhyvenchyk, K.L.], inzh.; TRUSH, O.T., inzh.

Improve the establishing of work norms for repairing operations.
Mekh. sil'. hosp. 14 no.11:25-26 N'63. (MIRA 17:2)

KRZHIVENCHIK, K.L. [Krzhyvenchyk, K.L.]

Establishing work norms for tractors on collective and state farms. and at repair and supply stations. Mekh. sil'. hosp. 10 no.3:12-14 Mr '59. (MIRA 12:6)

1.Zamestitel' nauchal'nika upravleniya Ministerstva sel'skogo khozyaystva USSR (for Krzhivenchik).
(Tractors)

EREMBOROVICH, G. [Bramborowicz, G.]; KRZHIVIN'SKA, F. [Kryzwinska, F.]

Evaluation of the state of the intrauterine fetus based on the data of estrogen excretion with the urine. Akush. i gin. 40 no.4: 134-135 Jl-Ag '64. (MIRA 18:4)

1. 1-ya klinika akusherstva i ginekologii Meditsinskoy akademii (rukovoditel' - prof. V.Mikhalkevich [W. Michalkiewicz], Poznan'.

KRZHIVITSKAYA, M. M.

"The Value of Hematology during X-Ray Therapy of Tuberculosis of the Lungs a nd Larynx."

Vest. Otorino-laringol., No 3, 1948. Maj. Med. Service. -1948-, Yatinsk Sanitorium No 1, -c1948-.

KRZHIVITSKAYA, N.M.

Blood changes in short-wave therapy of tuberculous pneumopleuritis.
Probl.tub. no.1:66 Ja-F '54. (MLRA 7:3)

1. Iz Yaltinskogo klinicheskogo sanatoriya.
(Pleura--Diseases) (Blood--Examination)
(Ultraviolet rays--Physiological effect)

KRZHIVITSKAYA, M.M. (Yalta)

Role of nurse in preparing the patient and assemblying material for laboratory tests. Med.sestra 15 no.7:22-26 Jl '56. (MLRA 9:10)
(NURSES AND NURSING)

KRZHIVITSKAYA, M.M.

Measuring the volume of erythrocytes by means of the Panchenkov apparatus; preliminary report. Lab. delo 3 no.2:3-9 Mr-Ap '57 (MLRA 10:5)

1. Iz sanatoriya Chernomorskogo flota (nachal'nik sanarotiya Ye.M. Orlov), Yalta.
(ERYTHROCYTES)

KRZHIVITSKAYA, V. P. Cand Med Sci -- (diss) "The condition of the bronchial tree during the healing of disseminated ~~types~~ forms of pulmonary tuberculosis." Sverdlovsk, 1957. 12 pp (Sverdlovsk State Med Inst), 200 copies (KL, 4-58, 86)

KRZHIVITSKAYA, V.P.

State of the bronchial tree following the healing of disseminated pulmonary tuberculosis [with summary in French]. Probl.tub. 35 no.3: 47-48 '57. (MIRA 10:10)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. - doktor meditsinskikh nauk prof. I.A.Shaklein)

(TUBERCULOSIS, PULMONARY, pathology,
bronchi in healing of disseminated tuberc. (Rus))

KAZAK, T.I.; KRZHIVITSKAYA, W.P.; NAZAROVA, I.B.

Clinico-roentgenological and pathomorphological characteristics of cured caverns. Probl. tub. no.4:43-48 '64.

(MIRA 18:11)

1. Sverdlovskiy nauchno-issledovatel'skiy institut tuberkuleza (direktor - prof. I.A. Shaklein).

EWT(d) IJP(c)

ACC NR: AP6010422 SOURCE CODE: UR/0020/66/167/002/0309/0311

AUTHOR: Krzhivitski, A.; Ladyzhenskaya, O. A.

ORG: none

TITLE: A method of nets for the Navier-Stokes equations

SOURCE: AN SSSR. Doklady, v. 167, no. 2, 1966, 309-311

TOPIC TAGS: numerical analysis, Navier Stokes equation, numerical solution, finite difference scheme

ABSTRACT: Two new convergent finite-difference schemes are proposed for solving the three-dimensional boundary-value problem for the system of Navier-Stokes equations

$$\frac{\partial u}{\partial t} - \nu \Delta u + u^k \frac{\partial u}{\partial x_k} = -\operatorname{grad} p + f,$$
$$\operatorname{div} u = 0, \quad u|_S = 0, \quad u|_{t=0} = a, \qquad (1)$$

where S is the boundary of the three-dimensional space Ω; $f = f(x,t)$ and $a(x)$ are given vectors. A rectangular parallelopipedal lattice

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UDC: 517.949.8

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ACC NR: AP6010422

with spacing h and Δt is constructed and a system of equations in U_h^i, p_h (i = 1,2,3,) (U_h^i and p_h are difference analogs of function U^i and p) are derived. It is proved that this system of equations has a unique solution on every layer for any given vectors f and a and that a se-quence of solutions can always be singled out from all solutions of the difference equations derived by the proposed difference schemes which converges to the weak solution (in the sense of E. Hopf) of the boundary-value problem for any relationship between h and Δt. Orig. art. has: 10 formulas. [LK]

SUB CODE: 12/ SUBM DATE: 05July65/ ORIG REF: 006/ ATD PRESS: 4226

Card 2/2

KRZHIVITSKIY, A.

"Of the Lifting Force Acting on an Obstruction From the Side of a Viscous Compressible Fluid," by A. Krzhivitskiy, Byul. Polsk. AN Otd. III, 3, No 5, 1955, pp 237-238 (from Referativnyy Zhurnal--Mekhanika, No 10, Oct 56, Abstract No 6679, by N. A. Slezkin)

"Formulas for lifting force components are cited (without proofs) and four conditions for their derivation are formulated, including the condition of the adhesion of the fluid to the surface of a body moving forward in an unlimited fluid. From the formulas cited it follows that the lifting force can develop only as a result of the nonstationary flow of a viscous compressible fluid relative to the moving system of coordinates rigidly connected with the body. Full proof will be published in the periodical Studia Mathematica."

Sum 1219

KRZHIVITSKIY,A.A.; CHISTOZVONOV,S.B.; BRISKIN,M.I.

[Imported automobiles, 1941-1943 models] Importnye avtomobili modelei 1941-1943 gg. Pod obshchei red. A.A.Krzhivitskogo. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1945. 539 p. (MLRA 9:3)

(Motor-trucks) (Automobiles, Military)

KRZHIVITSKIY, B. N.

"Investigation of Losses Due to the Change of Tools in Automatic Machines." Sub 29 Dec 47, Moscow Order of the Labor Red Banner Higher Technical School imeni N. E. Bauman

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum No. 457, 18 Apr 55

KRZHIVITSKIY, E. N. Cand. Tech. Sci.

Dissertation: "Investigation of Losses Due to the Change of Tools in Automatic Machines." Moscow Order of the Labor Red Banner Higher Technical School imeni N.E. Bauman, 29 Dec 47.

SO: Vechernyaya Moskva, Dec, 1947 (Project #17836)

KRZHIVITSKIY, B. N.

Bracing tools in automatic and semi-automatic lathes Kiev, Gos. nauchno tekhn. izd-vo mashinostroit. i subostrout. lit-ry Ukr. otd-nie 1953. 49 p. (55-56111)

TJ1220 .K7

KRZHIVITSKIY, B. N.

B. N. Krzhivitskiy, Candidate in Technical Sciences, Krepleniye instrumentov na tokarnykh avtomatakh i poluavtomatakh /Attachment of Tools to Automatic and Semiautomatic Lathes/, Mashgiz, 4 sheets

Describes the methods of attaching and adjusting the cutting tools on automatic and semiautomatic lathes; presents methods of accelerating tool changing and adjustment.

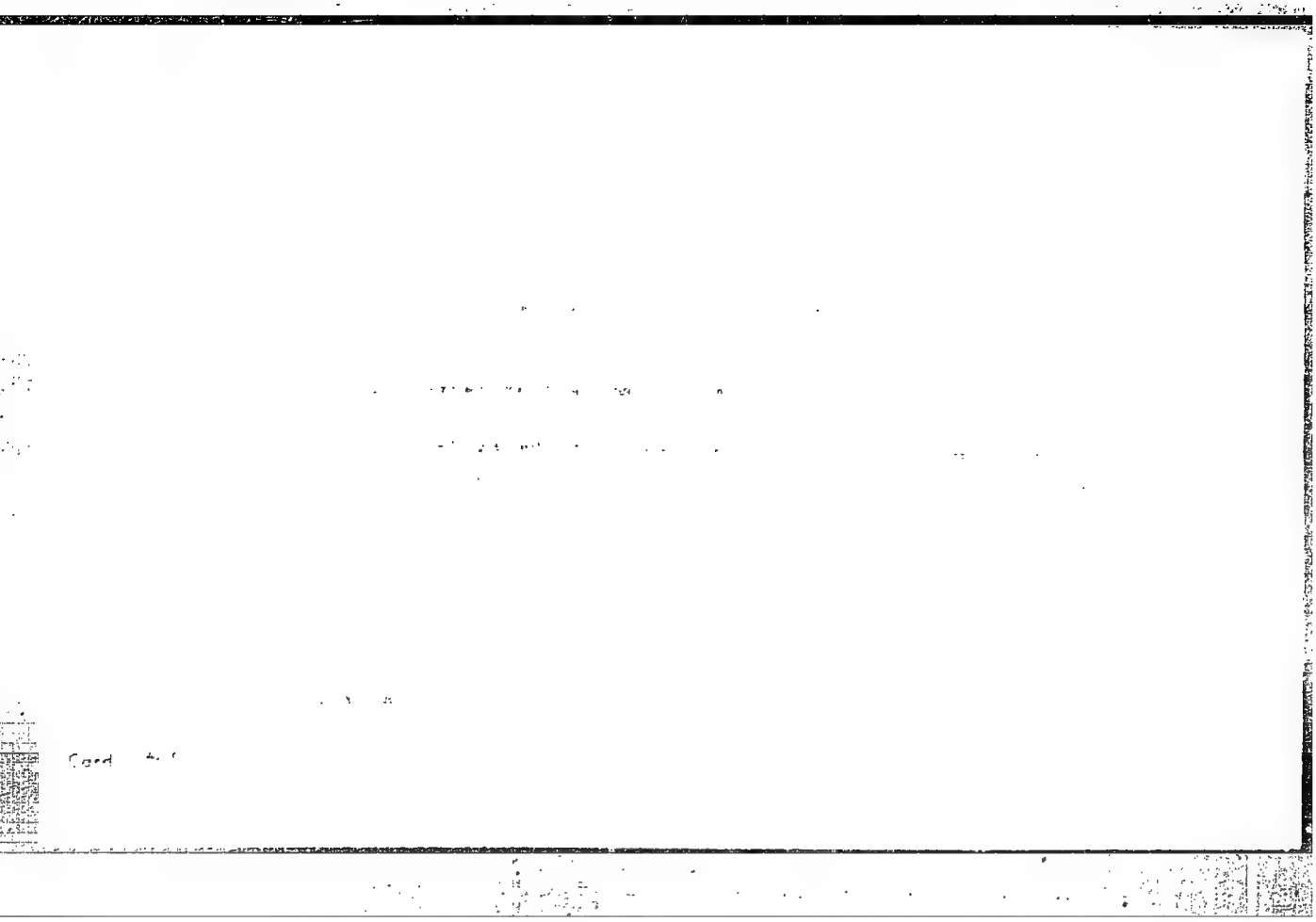
Book intended for designers and technologists connected with the operation of automatic and semiautomatic lathes.

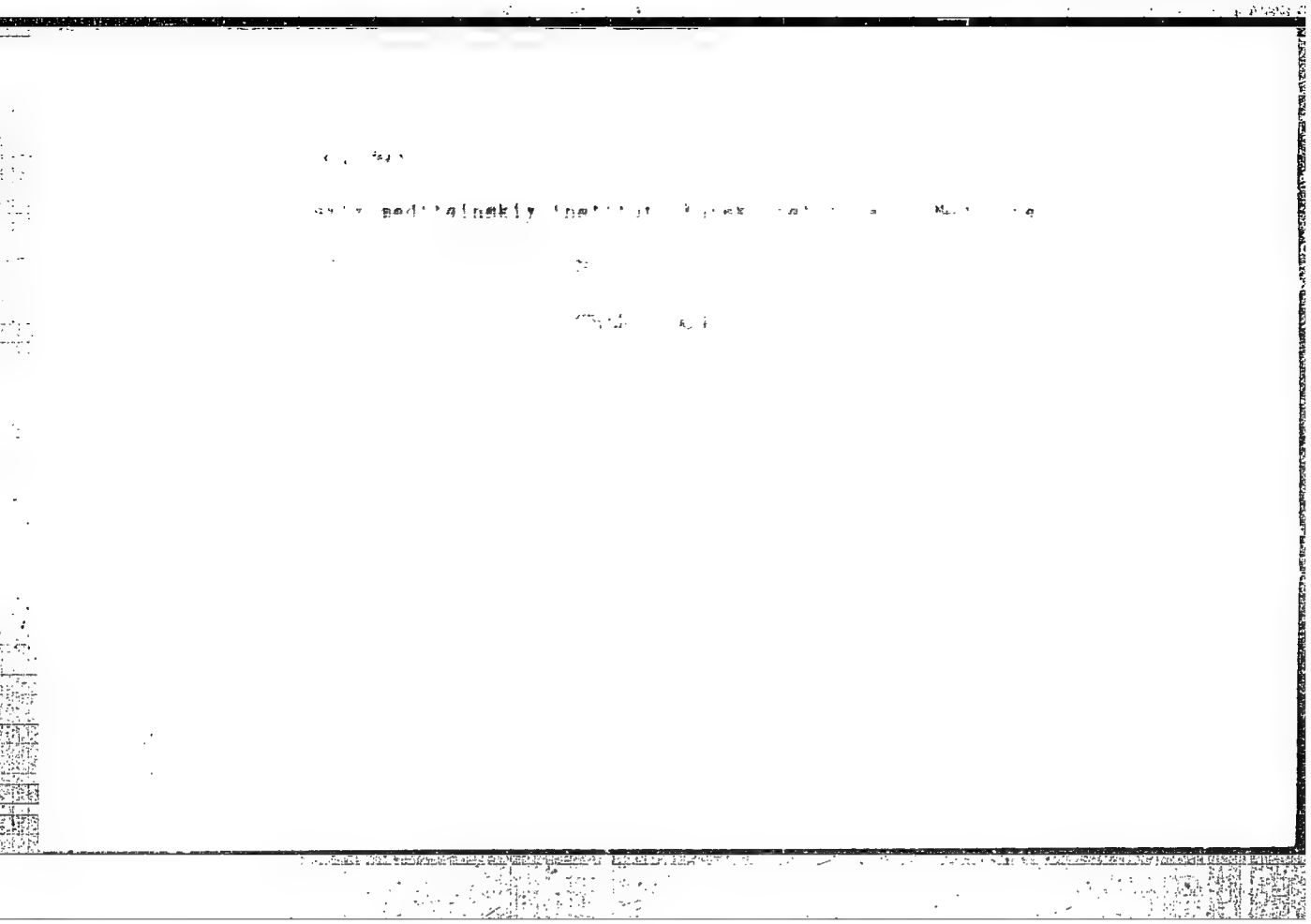
SO: U-6472, 23 Nov 1954

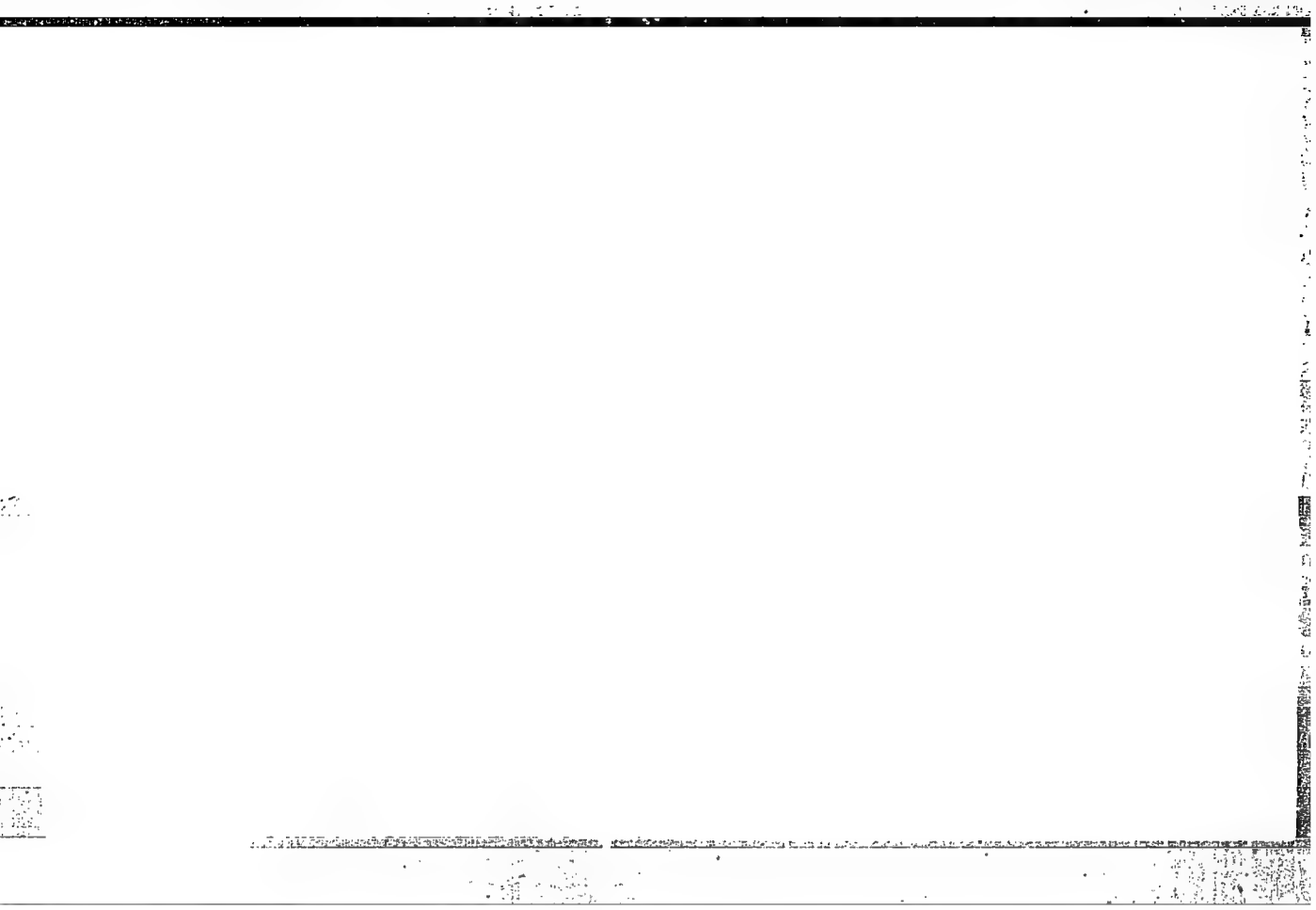
[redacted], . . .

Kreplenie instrumentov na tokarnykh avtomatakh i poluavtomatakh (Gracing tools on automatic and semiautomatic lathes), Kiev, Lacn.iz, 1953. 52 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 7, Oct. 1954







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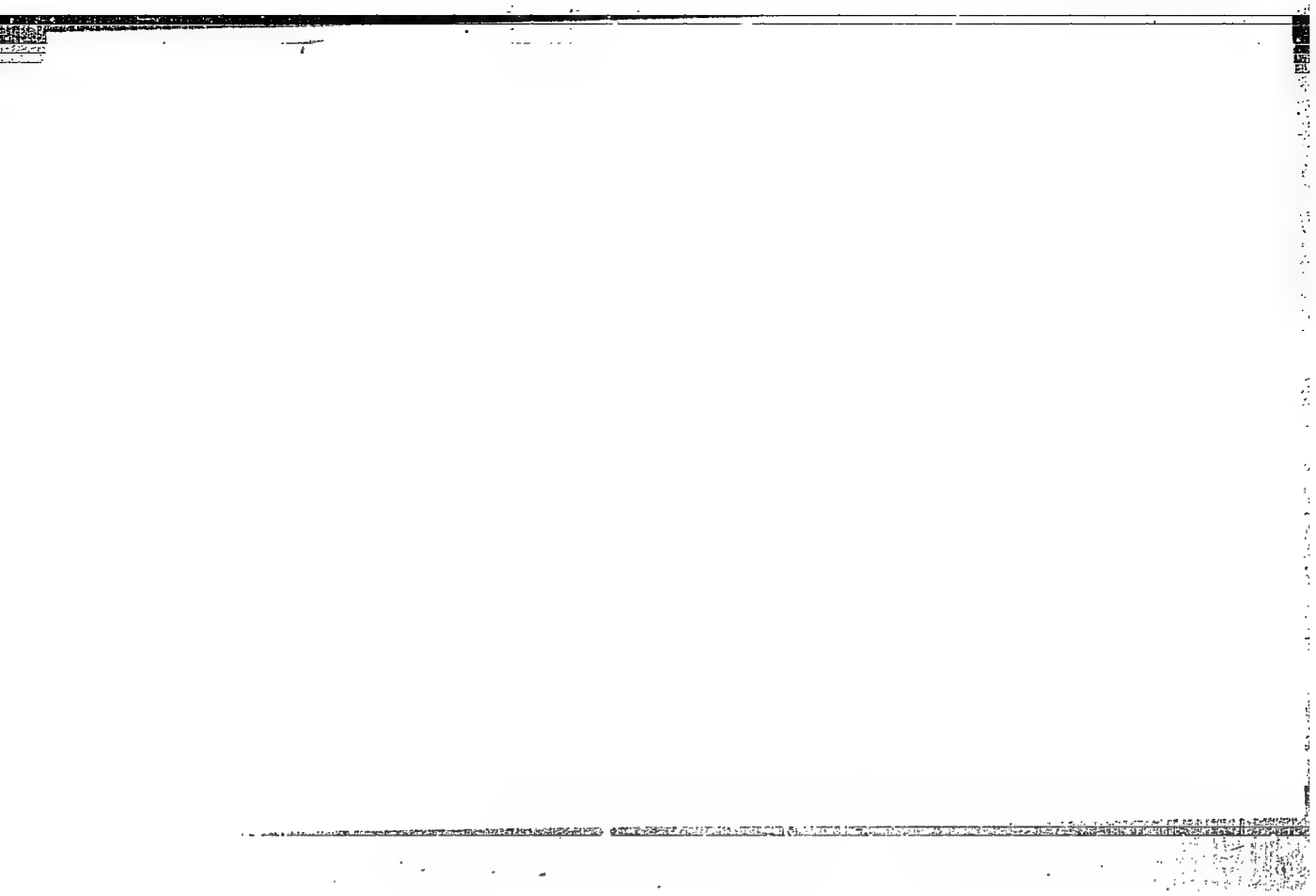

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920016-7"

GUSA, V., doktor tekhnicheskikh nauk; KRZHIZH, I.; LADNAR, I.; CHERNYY, L., inzhener.

Drying compressed air for high-voltage circuit breakers. Elek.sta. 27 no.2:26-31 F '56. (MLRA 9:6)

1.Nauchno-issledovatel'skiy institut sil'notochnoy elektrotekhniki, Chekhoslovakiya.
(Electric circuit breakers) (Drying apparatus)

GUSA, V.; KRZHIZH, I.; LADNAR, I.

Zonal melting of silicon by an electron beam. Fiz. tver. tela 1 no.2:290-293 F '59. (MIRA 12:5)
(Silicon) (Electron beams)

KRZHIZHANOVSKAYA, A.A.

Deflection of vertical in mountain regions. Zap. LGI 37 no.1: 64-82 '58. (MIRA 12:8)
(Gravity)

VASIL'YEVA, I.A., dotsent; KOBEK, S.I., dotsent; KORYUKIN, S.N., starshiy prepodavatel'; CHAVTORAYEV, A.I., dotsent; POPOV, K.V., prof., red.; KRZHIZHANOVSKAYA, G., red.; SMIRNOVA, Ye., tekhn.red.; PROKOF'YEVA, L., tekhn.red.

[Practical laboratory work in a course of the study of hydraulic structures] Laboratorno-prakticheskie zaniatiia po kursu gidrotekhnicheskikh sooruzhenii. Pod red. K.V.Popova. Moskva, Gos.-izd-vo sel'khoz.lit-ry, 1959. 143 p.

(MIRA 14:1)

(Hydraulic structures)

IRISOV, Aleksandr Sergeyevich; ITINSKAYA, Nadezhda Ivanovna; LETNEV, B.Ya., red.; KRZHIZHANOVSKAYA, G.V., red.; ZUBRILINA, Z.P., tekhn.red.

[Fuel and lubricants] Toplivo i smazochnye materialy. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 469 p. (MIRA 13:6)
(Fuel) (Lubrication and lubricants)